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Title: Absorbent Composites: Manufacture of Pseudo  
Fiber<sup>TM</sup> Natural Fibers and Forming of  
Multi-Fiber Composites for Heat, Sound,  
Fluids and Odor Absorbency

Inventor: Catherine Joyce  
Date: September 3, 1999

DRAWINGS

Fig. 1

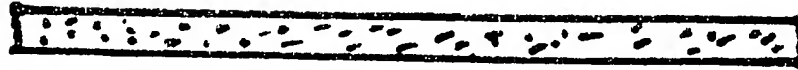
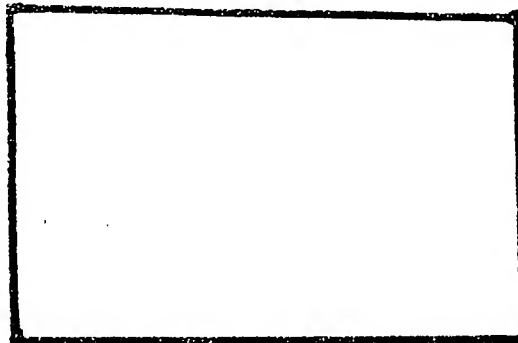


Fig. 2



(Top  
view)

Fig. 2A



(Top  
view)

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Title: Absorbent Composites: Manufacture of Pseudo-  
Fiber™ Natural Fibers and Forming of  
Multi-Fiber Composites for Heat, Sound,  
Fluids and Odor Absorbency  
Inventor: Catherine Joyce  
Date: September 3, 1999

DRAWINGS

Fig. 3

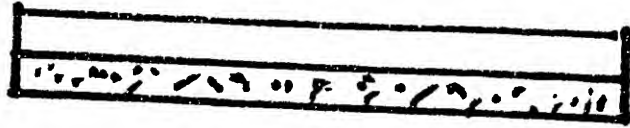


Fig. 4



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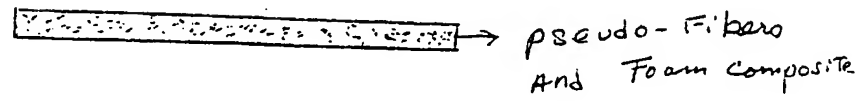
Express Mail Certificate # EX181070894 US  
Title: Absorbent Composites: Manufacture of Pseudo-Fiber™ Natural Fibers and Forming of Multi-Fiber Composites for Heat, Sound, Fluids and Odor Absorbency  
Inventor: Catherine Joyce  
Date: June 22, 2001

DRAWINGS

DRAWINGS

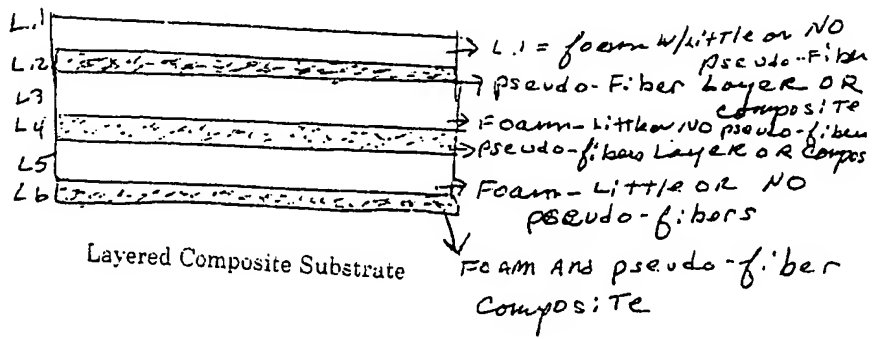
Absorbent Article  
Catherine Joyce  
May 25, 1999

Figure 1:



Mixed Composite Layer

Figure 2:



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DRAWINGS

Diagrams:

Fig. 1 - Multi-Fiber Substrate with Pseudo Fibers

Top view:

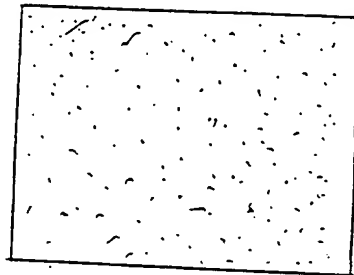


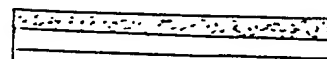
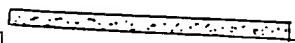
Fig. 2 - Multi-fiber Substrate, with Pseudo-Fibers

Side View

Single

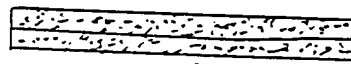
or Multi-layered

[with pseudo-fibers]



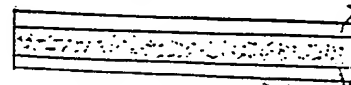
-with pseudo fibers  
layer with  
little, or no pseudo-fibers

or



[w/pseudo-fibers]  
[-two or more layers]

or



smooth finish-little  
-w/Pseudo-Fibers  
smooth finish layer, with little  
pseudo-fibers

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## DRAWINGS

Diagrams:

Fig. 1 - Single or Multi-Fiber Substrate with Pseudo-Fibers

Top or Bottom

Bottom Top or Middle View:

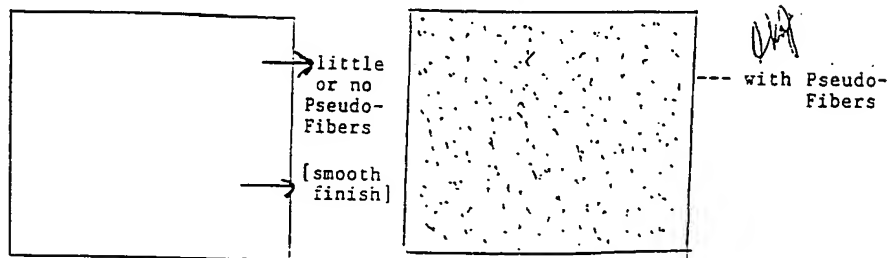


Fig. 2 - Multi-fiber Substrate, with Pseudo-Fibers

Side View

Multi-layered

Single

